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File: DWPI

Dec 15, 1992

DERWENT-ACC-NO: 1993-008858

DERWENT-WEEK: 199953

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TITLE: Price change appts. including printer and display devices e.g. for supermarket - receives price update data for given product, looks up database records relating to store locations, transmits price change to display device at product location

INVENTOR: POLAND, T; WALDRON, S

PATENT-ASSIGNEE: ELECTRONIC RETAILING SYSTEMS INT (ELREN)

PRIORITY-DATA: 1991US-0695405 (May 3, 1991), 1992WO-US07018 (August 19, 1992), 1992CA-2076692 (August 24, 1992), 1992EP-0918955 (August 19, 1992), 1992DE-0629479 (August 19, 1992)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>US 5172314 A</u>	December 15, 1992		010	G06F015/21
<input type="checkbox"/> <u>ES 2135413 T3</u>	November 1, 1999		000	G06F017/60
<input type="checkbox"/> <u>WO 9404475 A1</u>	March 3, 1994		023	G06F015/21
<input type="checkbox"/> <u>CA 2076692 A</u>	February 25, 1994		000	G09F009/35
<input type="checkbox"/> <u>EP 608252 A1</u>	August 3, 1994	E	002	G06F015/21
<input type="checkbox"/> <u>CA 2076692 C</u>	April 21, 1998		000	G06F017/60
<input type="checkbox"/> <u>EP 608252 B1</u>	June 23, 1999	E	000	G06F017/60
<input type="checkbox"/> <u>DE 69229479 E</u>	July 29, 1999		000	G06F017/60

DESIGNATED-STATES: UA AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE DE ES FR GB IT
DE ES FR GB IT

CITED-DOCUMENTS:US 4002886; US 4139149 ; US 4500880 ; US 4766295 ; US 4962466

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 5172314A	May 3, 1991	1991US-0695405	
ES 2135413T3	August 19, 1992	1992EP-0918955	
ES 2135413T3		EP 608252	Based on
WO 9404475A1	August 19, 1992	1992WO-US07018	

CA 2076692A	August 24, 1992	1992CA-2076692	
EP 608252A1	August 19, 1992	1992EP-0918955	
EP 608252A1	August 19, 1992	1992WO-US07018	
EP 608252A1		WO 9404475	Based on
CA 2076692C	August 24, 1992	1992CA-2076692	
EP 608252B1	August 19, 1992	1992EP-0918955	
EP 608252B1	August 19, 1992	1992WO-US07018	
EP 608252B1		WO 9404475	Based on
DE 69229479E	August 19, 1992	1992DE-0629479	
DE 69229479E	August 19, 1992	1992EP-0918955	
DE 69229479E	August 19, 1992	1992WO-US07018	
DE 69229479E		EP 608252	Based on
DE 69229479E		WO 9404475	Based on

INT-CL (IPC): G06 F 15/21; G06 F 17/60; G07 G 1/14; G09 F 9/35

ABSTRACTED-PUB-NO: EP 608252B

BASIC-ABSTRACT:

The price updating device for a price display system has an input device which receives update data indicative of a product for which a price change is desired, and of the changed price value. A lookup device responsive to the update data looks up among records in a first data file those matching records, if any, for which the product information matches the product for which a price change is desired. A first posting device responsive to a matching record with information indicative of its respective location associated with an information display device, posts the changed price to the associated display device.

A queueing device responsive to a matching record for a respective location and associated with a printed price indicator, stores a print command capable of causing the printer to print a printed price indicator illustrative of the changed price, and a print controller responsive to the stored print command activates the printer to print the price indicator.

ADVANTAGE - Requires min. user intervention, synchronises electronic and printed price display changes and accommodates variety of shapes and sizes of price tickets.

ABSTRACTED-PUB-NO: US 5172314A

EQUIVALENT-ABSTRACTS:

The price updating device for a price display system has an input device which receives update data indicative of a product for which a price change is desired, and of the changed price value. A lookup device responsive to the update data looks up among records in a first data file those matching records, if any, for which the product information matches the product for which a price change is desired. A first posting device responsive to a matching record with information indicative of its respective location associated with an information display device, posts the changed price to the associated display device.

A queueing device responsive to a matching record for a respective location and associated with a printed price indicator, stores a print command capable of causing the printer to print a printed price indicator illustrative of the changed price, and a print controller responsive to the stored print command activates the

printer to print the price indicator.

ADVANTAGE - Requires min. user intervention, synchronises electronic and printed price display changes and accommodates variety of shapes and sizes of price tickets.

CHOSEN-DRAWING: Dwg.8/10

DERWENT-CLASS: T01 T04 T05

EPI-CODES: T01-J05A1; T04-G01A; T05-L01D;

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Freeform Search

Database:	US Pre-Grant Publication Full-Text Database
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Term: L5 SAME L4

Display: 10 Documents in Display Format: - Starting with Number 1

Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

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Search History

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Set Name	Query	Hit Count	Set Name result set
side by side	DB=PGPB,USPT; PLUR=YES; OP=OR		
L6	L5 SAME L4	331	L6
L5	(product or item or good or sale or merchandise or sell or selling) SAME (shop or store or vendor or merchant or retailer or retail or vending)	95699	L5
L4	(map NEAR9 display\$3) SAME (shop or store or vendor or merchant or retailer or retail or vending)	2870	L4
L3	L1 SAME (server NEAR7 locat\$4)	1238	L3
L2	L1 and (server NEAR7 locat\$4)	3773	L2
L1	((cell or cellular or mobile) NEAR9 (phone or telephone or radio)) SAME (locat\$4 or find or finding or found)	25520	L1

Handwritten note: L6, L5, L4, L3, L2, L1 are all found prior to this

END OF SEARCH HISTORY

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Database:	US Pre-Grant Publication Full-Text Database
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	Derwent World Patents Index
	IBM Technical Disclosure Bulletins
Term:	L6 SAME (((home or local or personal) ADJ computer) or PC)
Display:	10 Documents in Display Format: - Starting with Number 1
Generate:	<input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image

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Set Name	Query	Hit Count	Set Name result set
side by side			
<i>DB=PGPB,USPT; PLUR=YES; OP=OR</i>			
<u>L7</u>	L6 SAME (((home or local or personal) ADJ computer) or PC)	418	<u>L7</u>
<u>L6</u>	(shopper or consumer or customer or buyer) SAME (cellphone or ((cellular or cell or mobile) NEAR7 (phone or telephone)) or PDA or (personal ADJ digital ADJ assistant) or blackberry or (palm ADJ pilot) or(digital ADJ camera)) SAME (transmit\$4 or transmission or upload\$3)	2079	<u>L6</u>
<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L5</u>	L4 SAME (((home or local or personal) ADJ computer) or PC)	39	<u>L5</u>
<u>L4</u>	(shopper or consumer or customer or buyer) SAME (cellphone or ((cellular or cell or mobile) NEAR7 (phone or telephone)) or PDA or (personal ADJ digital ADJ assistant) or blackberry or (palm ADJ pilot) or(digital ADJ camera)) SAME (transmit\$4 or transmission or upload\$3)	511	<u>L4</u>
<u>L3</u>	(shopper or consumer or customer or buyer) SAME (cellphone or ((cellular or cell or mobile) NEAR7 (phone or telephone)) or PDA or (personal ADJ digital ADJ assistant) or blackberry or (palm ADJ pilot) or(digital ADJ camera)) SAME (transfer\$4 or download\$3)	134	<u>L3</u>
<i>DB=PGPB,USPT; PLUR=YES; OP=OR</i>			

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S1	1825006	CELLPHONE? ? OR ((CELLULAR OR CELL OR MOBILE) (7N) (PHONE? ? OR TELEPHONE? ?)) OR PDA OR (PERSONAL(W) DIGITAL(W) ASSISTANT? - ?) OR (PALM(W) PILOT? ?) OR (DIGITAL(W) CAMERA? ?) OR BLACKBERR-???
S2	730201	(SHOPPER? ? OR CONSUMER? ? OR BUYER? ? OR CUSTOMER? ?) (S) (-TRANSMIT??? OR TRANSMISSION? ? OR UPLOAD??? OR DOWNLOAD??? OR TRANSFER???)
S3	24614	S1(S) S2
S4	5358	S3(S) (((HOME OR PERSONAL OR LOCAL) (W) (COMPUTER OR COMPUTER-S)) OR PC OR PCS)
S5	1458	S4(S) (SHOP? ? OR STORE OR STORES OR RETAILER? ? OR RETAIL? ? OR VENDOR? ? OR VENDING OR MERCHANT? ? OR SELLER? ?)
S6	737	S5 AND PY<2001
S7	438	RD (unique items)

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